

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
<b>Name</b>		<b>Execution Date</b>
BLACKBIRD TECH LLC		09/10/2021
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	EDWARD H. NORTRUP	
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<b>Postal Code:</b>	02180	
<b>PROPERTY NUMBERS Total: 16</b>		
<b>Property Type</b>	<b>Number</b>	
Patent Number:	7522995	
Patent Number:	7904240	
Patent Number:	8306746	
Patent Number:	8457871	
Patent Number:	8478512	
Patent Number:	8489314	
Patent Number:	8380429	
Patent Number:	8548719	
Patent Number:	8744761	
Patent Number:	8855905	
Patent Number:	9014972	
Patent Number:	9086295	
Patent Number:	9243927	
Patent Number:	9400190	
Patent Number:	10444028	
Application Number:	16600480	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>		
Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.		

PATENT

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<b>ATTORNEY DOCKET NUMBER:</b>	16417
<b>NAME OF SUBMITTER:</b>	STEPHEN DRISCOLL
<b>SIGNATURE:</b>	/Stephen Driscoll/
<b>DATE SIGNED:</b>	10/06/2021

**Total Attachments: 4**  
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source=Assignment#page4.tif

## ASSIGNMENT

**WHEREAS**, Blackbird Tech LLC d/b/a Blackbird Technologies, One Boston Place, Suite 2600, Boston, MA 02108 ("Assignor") owns the entire, exclusive right, title, and interest in U.S. Patent No. 7,522,995, entitled "Method and system for providing travel time information," in U.S. Patent No. 7,904,240, entitled "Method and system for providing travel time information," in U.S. Patent No. 8,306,746, entitled "Method and system for providing travel time information," in U.S. Patent No. 8,380,429, entitled "Real-time traffic condition measurement using GPS data," in U.S. Patent No. 8,457,871, entitled "Real-time traffic condition measurement and presentation of sponsored content," in U.S. Patent No. 8,478,512, entitled "Real-time traffic condition measurement using network transmission data," in U.S. Patent No. 8,489,314, entitled "Real-time traffic condition measurement and presentation of user-based route data," in U.S. Patent No. 8,548,719, entitled "Real-time traffic condition measurement," in U.S. Patent No. 8,744,761, entitled "Method and system for providing travel time information," in U.S. Patent No. 8,855,905, entitled "Real-time traffic condition measurement using network transmission data," in U.S. Patent No. 9,014,972, entitled "Method and system for providing travel time information," in U.S. Patent No. 9,086,295, entitled "Real-time traffic condition measurement using network transmission data," in U.S. Patent No. 9,243,927, entitled "Method and system for providing travel time information," in U.S. Patent No. 9,400,190, entitled "Real-time traffic condition measurement using network transmission data," in U.S. Patent No. 10,444,028, entitled "Method and system for providing travel time information" and in U.S. Patent Application No. 16/600,480, entitled "Method and system for providing travel time information" (collectively, the "Patents"); and

**WHEREAS**, ("Assignee") desires to acquire all of Assignor's right, title, and interest in and to the Patents;

**NOW THEREFORE**, for good and valuable consideration, receipt of which is hereby acknowledged, Assignor hereby transfers and assigns all right, title, and interest in and to the Patents to Assignee, including, without limitation, all rights to sue for past, present, and future acts of infringement of the Patents, to make, use, offer to sell, or sell any invention under the Patents within the United States or import into the United States any invention under the Patents, to prosecute all existing Patents and have any resulting patents issue in the name of Assignee, and to file additional applications based on the Patents and have any resulting patents issue in the name of Assignee.

Assignor authorizes and requests the Commissioner of Patents and Trademarks to record Assignee as owner of the Patents.

This Assignment may be executed in any number of counterparts and by the separate parties on separate counterparts, each of which when executed and delivered shall constitute an original, and all such counterparts together shall constitute but one and the same Assignment.

Assignor and Assignee hereby authorize the following individuals the power to correct errors in this Assignment, or to insert any further identification or other information necessary or

desirable to make this Assignment suitable for recordation in the United States Patent and Trademark Office.

Edward H. Nortrup

**IN WITNESS WHEREOF**, the Assignor and Assignee have caused this Assignment to be executed by themselves or their officers duly authorized on their behalf on the date set forth below:

[signatures on following pages]

Date: 9/10/2021

Assignor: [Signature]  
Wendy Verlander

Blackbird Tech LLC dba Blackbird Technologies

State of: Massachusetts

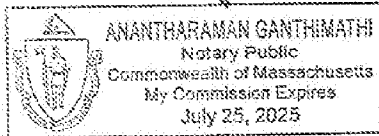
County of: Middlesex

I hereby declare that I was personally present and did see Wendy Verlander, who is known to me to be the person named in the above Assignment, duly sign and execute the same.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed my official seal at MA on this September 21 day of 2021

Notary Public [Signature]

My commission expires:



PATENT

REEL: 057712 FRAME: 0525

Date: Sept. 8, 2021

Assignee: E. H. Nortrup  
Edward H. Nortrup

State of: Massachusetts

County of: Middlesex

I hereby declare that I was personally present and did see Edward H. Nortrup, who is known to me to be the person named in the above Assignment, duly sign and execute the same.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed my official seal at Massachusetts on this 8<sup>th</sup> day of September, 2021.

Notary Public: Johanna J. Mata

My commission expires: 12/23/2027

